Maintenance Booklet 2006 Light Trucks

G-Class (except AMG models)

Mercedes-Benz

PLEASE NOTE

WE STRONGLY RECOMMEND THAT YOU HAVE YOUR VEHICLE SERVICED BY YOUR AUTHORIZED MERCEDES-BENZ LIGHT TRUCK CENTER WHO IS FULLY EQUIPPED TO PROVIDE THIS SERVICE AND THAT GENUINE MERCEDES-BENZ PARTS BE USED.

SERVICE, REPLACEMENT, OR REPAIR OF THE EMISSION CONTROL DEVICES AND SYSTEMS CAN BE PERFORMED BY ANY AUTOMOTIVE REPAIR ESTABLISHMENT OR INDIVIDUAL USING CERTIFIED PARTS.

THE USE OF DEFECTIVE OR NON-EQUIVALENT PARTS MAY RESULT IN YOUR EMISSION PERFORMANCE WARRANTY CLAIM BEING DENIED.

▶	▶
Model	License Plate No.
▶	▶
Vehicle Identification Number (VIN)	License Plate No.
▶	▶
Date of initial registration	License Plate No.
▶	▶
Paint color and code	License Plate No.

Protecting the environment

Natural resources form the basis of our existence on this planet. The objectives of our policy are for these resources to be used sparingly and in a manner which takes the requirements of both nature and humanity into account.

Our declared policy is integrated environmental protection. This policy starts at the root causes and encompasses in its management decisions all the consequences for the environment which could arise from production processes or the products themselves.

You too can help to protect the environment by operating your Mercedes-Benz in an environmentally responsible manner.

Operating conditions and your individual driving style to a large extent influence fuel consumption and the rate of engine, brake, and tire wear. To reduce fuel consumption and the rate of wear, please consider the following:

- Avoid short trips.
- Make sure that the tire pressures are always correct.
- Avoid frequent, abrupt acceleration.
- Do not carry any unnecessary weight.
- Remove ski holders and roof racks once you no longer need them.
- Do not warm up the engine with the car stationary.
- Shift gears such that each gear is used only up to 2/3 of its maximum engine speed.
- Keep an eye on the vehicle's fuel consumption.

A regularly serviced vehicle will also help protect the environment. You should adhere to the maintenance intervals displayed by the Maintenance System indicator, along with other maintenance work described in this booklet.

We recommend that you have services performed by an authorized Mercedes-Benz Light Truck Center using Genuine Mercedes-Benz parts.

Contents

Introduction
Mercedes-Benz Maintenance System 4
Regular checks 8
Notes on the warranty 9
Parts / Operating materials 10
Service records 10

Emission system maintenance
General 11
Emission System Caution - Gasoline Engines. 12

Confirmations
First visit 15
Tire rotation 17
Maintenance services 19

Maintenance overview
G-Class (463) 50
First visit. 52
Tire rotation 53

A-Service 54

B-Service 56

Additional work 59
Spark plug replacement intervals . . 62

Recommended additional maintenance checks at 143,000 miles 63

Emissions systems maintenance jobs 65

Introduction

We want you to enjoy your Mercedes-Benz automobile. Vehicle safety and operational reliability are two very important factors and to maintain them, regular maintenance services are necessary.

We continuously strive to improve our product, and ask for your understanding that we reserve the right to make changes in the required periodic maintenance work which is required for our vehicles.

Your Mercedes-Benz comes equipped with the **Mercedes-Benz Maintenance System**. The Maintenance System tracks distance driven and the time elapsed since your last service. The next necessary maintenance service is indicated in the maintenance service indicator in the instrument cluster.

There are two types of maintenance services for your vehicle, an (“minor”) A-service, and a (“major”) B-service. Additional work that is not calculated by the Maintenance System is required at both A- and B-service intervals. Please refer to “Additional Work to be Performed” on page 59 for more details.

Following each A- or B-service, your authorized Mercedes-Benz Light Truck Center will reset the Maintenance System service indicator by confirming the service items performed.

If the Maintenance System service counter was inadvertently reset, have a Mercedes-Benz Light Truck Center correct it. Please only reset if the proper maintenance service has been performed. Resetting the system without performing the proper service will result in engine and/or other vehicle damage not covered by the Mercedes-Benz Limited Warranty.

A detailed listing of service procedures performed are contained in this booklet, starting on page 49.

Additional work

Additional work means any work that is not calculated by the Maintenance System. This work is listed in the section “Additional Work to be Performed”, see page 59. This type of work has to be carried out according to the individual vehicle type, due to the specific technical parameters, wear processes or special equipment on each different vehicle.

Special service requirements

Brake fluid should be replaced every two years, preferably in the spring, see page 61. We recommend that you only use brake fluid approved by Mercedes-Benz. A reminder for the next scheduled brake fluid replacement is affixed in the engine compartment.

Coolant should be checked for the proper concentration before the start of the winter season (or once a year in hot regions). Have the coolant (water/anticorrosion/antifreeze mixture) replaced as required for your vehicle model, see page 61.

Replacement of coolant (water/anticorrosion/antifreeze mixture) may be required more frequently if coolant is not maintained according to instructions and/or other than approved anticorrosion/antifreeze products for your vehicle are being used. For instructions on coolant, see “Coolants” in your vehicle Operator’s Manual. For a listing of approved anticorrosion/antifreeze products for your vehicle, refer to the Factory Approved Service Products pamphlet in your vehicle literature portfolio, or contact an authorized Mercedes-Benz Light Truck Center.

Introduction

Interior filters (e.g. dust filter, recirculating air filter, activated charcoal filter or combination filter) are replaced according to the maintenance intervals listed. Under severe dust conditions, or with the Climate Control frequently operating in the air recirculation mode, the respective filter should be replaced correspondingly sooner.

Tire rotation. Your vehicle's tires are a critical component to overall vehicle performance and vehicle stability. The useful life of tires will vary and is proportional to tire type, speed rating, ambient conditions, tire loading, tire inflation pressure, road surfaces, and individual driving style, among other factors. Therefore, Mercedes-Benz recommends regular checks for wear and proper inflation and, if applicable to your vehicle's tire configuration, tire rotation.

Tire rotation can be performed on vehicles with the same tire dimensions all around. If your vehicle is equipped with the same tire dimensions all around, tires can be rotated by observing a front-to-rear rotation pattern that will maintain the intended rotation (spinning) direction of the tire (on unidirectional tires, an arrow on the sidewall indicates the intended rotation or spinning direction of the tire). In some cases, such as when your vehicle is configured with staggered-size (different tire sizes, front vs. rear), tire rotations are not possible.

If your vehicle's tire configuration allows for tire rotation, tire rotation should be performed in accordance with the tire manufacturer's recommended intervals, or sooner at first signs of irregular (uneven) tread wear. Tire manufacturer's rotation recommendations will necessitate a tire rotation at least once in between maintenance services and at every maintenance service based on Mercedes-Benz maintenance intervals.

The first tire rotation, so long as it occurs before 6,500 miles (vehicle odometer), will be provided at no charge by an authorized Mercedes-Benz Light Truck Center courtesy of Mercedes-Benz.

Should a tire rotation not be possible for your vehicle's tire configuration, an authorized Mercedes-Benz Light Truck Center will check your tires for proper tire inflation pressure and perform a tread inspection, also at no charge courtesy of Mercedes-Benz, so long as this occurs before 6,500 miles (vehicle odometer).

For your convenience, this Maintenance Booklet contains a tire rotation confirmation page on which you can record the date and mileage when tire rotations were performed.

Spark Plugs should be replaced according to schedule on page 62. Severe operating conditions (frequent starting and stopping, excessive idling, sustained fast highway driving) may call for spark plugs to be replaced correspondingly sooner.

Engine oils and oil filters are specifically tested for their suitability in our engines and durability for our service intervals. Therefore, only use approved engine oils and oil filters required for vehicles with the Maintenance System. For a listing of approved engine oils and oil filters, refer to the Factory Approved Service products pamphlet, or contact an authorized Mercedes-Benz Light Truck Center.

Using engine oils and oil filters of specification other than those expressly required for the Maintenance System or changing of oil and oil filter at change intervals longer than those called for by the Maintenance System will result in engine damage not covered by the Mercedes-Benz Limited Warranty.

Introduction

Regular checks

In addition to the services, we recommend that you check the following items regularly (for example: weekly, when refueling, or before any long journey):

- **Engine oil level** - Check the engine oil level using either the oil dipstick in the engine compartment, or the multifunction steering wheel/multifunction display oil level check. Further information about engine oil level measurement can be found in the vehicle Operator's Manual.

- **Coolant level** - Please refer to the Operator's Manual for the correct procedure to check the coolant level.

- **Brake fluid level** - If brake fluid has to be added, see an authorized Mercedes-Benz Light Truck Center to determine the cause, e.g. leaks or worn brake pads.

- **Windshield washing system** - If the washer fluid level drops below 1/3, the windshield washer fluid level warning lamp will illuminate. Add washer fluid mixed with Mercedes-Benz windshield washer solvent/concentrate, test function and check wiper blades.

- **Check lights**

- **Tire condition and pressures** – Check at least every other week. Please refer to section "Tires and wheels" in the Operator's Manual for guidelines and correct procedures to check tire condition and pressures.

Please refer to the Factory Approved Service Products booklet or see your Mercedes-Benz Light Truck Center for more information on selecting the proper fluids, lubricants, filters and oils for your vehicle.

Notes on the warranty

An extensive and well-equipped network of Mercedes-Benz Light Truck Centers is at your disposal for service work. Your authorized Mercedes-Benz Light Truck Center can ensure that your vehicle is professionally and thoroughly serviced and repaired.

Please see the Service and Warranty Information booklet for detailed information on warranty terms and coverage.

Please follow the instructions given in this Maintenance Booklet, even if you entrust the vehicle to a third party for use or care. Only in this way will you be able to ensure that your warranty rights are not affected.

Service, replacement, or repair of the emission control devices and systems can be performed by any automotive repair establishment or individual using certified parts.

We strongly recommend that you have your vehicle serviced by your authorized Mercedes-Benz Light Truck Center which is fully equipped to provide this service.

Please note that engines have to be serviced in accordance with special instructions and using special measuring equipment to comply with legal requirements concerning exhaust emissions. Modifications to or tampering with emissions components is not permissible. Your authorized Mercedes-Benz Light Truck Center is familiar with the relevant regulations.

Introduction

Parts / Operating materials

We recommend only the use of Genuine Mercedes-Benz parts for service and repairs, since they meet our specifications. It is also important to only use fuels, lubricants, filters and anticorrosion/antifreeze coolant meeting factory specifications. Please refer to the Factory Approved Service Products booklet or see your Mercedes-Benz Light Truck Center for more information on this subject.

Service records

Your authorized Mercedes-Benz Light Truck Center will certify in the Maintenance Booklet the maintenance services on your vehicle which it has performed.

Other than the maintenance services described, the Maintenance Booklet does not record or reflect any repair work that may have been performed to your vehicle. Please keep those receipts with your vehicle records.

For information concerning warranty, see your Service and Warranty Information booklet.

Your authorized Mercedes-Benz Light Truck Center will gladly furnish additional information on the maintenance of your vehicle.

We extend our best wishes for many miles of safe, pleasurable driving.

Mercedes-Benz USA, LLC
A DaimlerChrysler Company

General

The U.S. Environmental Protection Agency and, in California, the Air Resources Board have certified that the emission control systems of your vehicle comply with the applicable exhaust emission standards for MY 2006 vehicles. This vehicle also complies with the applicable Canadian Motor Vehicle Emission Standards.

To be certain that the emission control systems function as designed, regular maintenance is necessary for components of the vehicle which affect exhaust and evaporation emissions composition.

The vehicle owner is responsible for the regular maintenance of the emission control system, as well as the use of premium unleaded gasoline with an anti-knock index of at least 91 (displayed on the pump) in all gasoline engine models unless otherwise specified.

Failure to properly maintain the emission system may result in repairs not being covered by the emission system warranties.

Explanations of each maintenance job are given on page 65.

Emission System Maintenance

Emission Control System Caution - Gasoline Engines

Your Mercedes-Benz vehicle is equipped with both a three-way catalyst and a closed loop oxygen sensor system to comply with current exhaust emission regulations. Keep your vehicle in proper operating condition by following our recommended maintenance instructions as outlined.

The following has to be adhered to:

a) **In all gasoline engine models, use only premium unleaded gasoline with an anti-knock index of at least 91 (as displayed on the pump) unless otherwise specified.** Damage to the engine could occur if premium unleaded fuel is not used. Refer to the Operator's Manual for special precautions.

b) **Leaded gasoline should not be used under any circumstances.** Damage to the emission control components will result.

c) **The specified engine maintenance jobs have to be performed completely and at the required intervals.** Correct ignition timing and properly functioning spark plugs for instance are important for the service life of the catalysts. Failure to properly perform the specified maintenance jobs may adversely affect the emission control system on the vehicle and reduce its service life.

d) **The operation of the emission control system must not be altered in any way.** Alterations are not permissible by law. In addition, alterations may result in damage to the catalysts, increased fuel consumption, and impaired engine running conditions.

e) **Irregular engine running conditions should be corrected immediately by an authorized Mercedes-Benz Light Truck Center.** Such irregular running conditions can influence the proper function of the emission control system.

If the “CHECK ENGINE” indicator lamp in the instrument cluster illuminates when the engine is running, it indicates a possible malfunction of the engine management system or emission control system.

We recommend that you have the malfunction checked as soon as possible.

Notes

First visit: 1,000 miles - 3,000 miles

Date: _____

Odometer: _____

Rubber stamp

Performed	Yes/No
Diagnostic test	☐ ○
Q+A on vehicle	☐ ○

_____
Signature

First visit provided at no charge*

*This first visit for a basic vehicle diagnostic test at an authorized Mercedes-Benz Light Truck Center is provided at no charge. Please refer to the Service and Warranty Information Booklet for full details.

First visit: 1,000 miles - 3,000 miles

_____
Appointment Month/year

Tire rotation

If applicable to your vehicle's tire configuration (▷ page 6), tire rotation should be performed in accordance with the tire manufacturer's recommended intervals, or sooner at first signs of irregular (uneven) tread wear. Tire manufacturer's rotation recommendations will necessitate a tire rotation at least once in between maintenance and at every maintenance service based on Mercedes-Benz maintenance intervals.

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Tire rotation should be performed in accordance with the tire manufacturer's recommendations in the Tire Warranty Pamphlet included in your vehicle literature portfolio. However, tires should be rotated at the first sign of irregular (uneven) tread wear, even if it occurs before the recommended rotation intervals, and should be checked regularly for wear and proper inflation. Please note that the useful life of tires will vary and is proportional to tire type, speed rating, ambient conditions, tire loading, tire inflation pressure, road surfaces, and individual driving style, among other factors.

The first tire rotation occurring at an authorized Mercedes-Benz Light Truck Center at any time up to 6,500 miles (vehicle odometer) is provided at no charge.

First tire rotation provided at no charge*

*This first tire rotation at an authorized Mercedes-Benz Light Truck Center at any time up to 6,500 miles (vehicle odometer) is provided at no charge. Please refer to the Service and Warranty Information Booklet for full details.

Reminder: Tire rotation

Tire rotation

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Date: _____ Odometer: _____ Date: _____ Odometer: _____

Maintenance: 13,000 miles

A-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

First Maintenance due 13,000 miles or

_____
Month/year

Maintenance: 26,000 miles

B-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 26,000 miles or

_____
Month/year

Maintenance: 39,000 miles

A-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 39,000 miles or

_____
Month/year

Maintenance: 52,000 miles

B-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 52,000 miles or

_____
Month/year

Maintenance: 65,000 miles

A-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____

Signature

Next Maintenance due 65,000 miles or

_____

Month/year

Maintenance: 78,000 miles

B-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 78,000 miles or

_____
Month/year

Maintenance: 91,000 miles

A-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____

Signature

Next Maintenance due 91,000 miles or

_____

Month/year

Maintenance: 104,000 miles

B-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 104,000 miles or

_____
Month/year

Maintenance: 117,000 miles

A-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 117,000 miles or

_____
Month/year

Maintenance: 130,000 miles

B-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 130,000 miles or

_____
Month/year

Maintenance: 143,000 miles

A-Service, applicable Additional Work and recommended high-mileage checks

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____

Signature

Next Maintenance due 143,000 miles or

_____

Month/year

Maintenance: 156,000 miles

B-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 156,000 miles or

_____
Month/year

Maintenance: 169,000 miles

A-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____

Signature

Next Maintenance due 169,000 miles or

_____

Month/year

Maintenance: 182,000 miles

B-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____
Signature

Next Maintenance due 182,000 miles or

_____
Month/year

Maintenance: 195,000 miles

A-Service and applicable Additional Work

For scope of work, refer to maintenance overview and description of maintenance services starting on page 49.

Date: _____

Odometer: _____

Oil Brand / viscosity: _____

Repair order no. (if applicable) _____

Maintenance service completed:

Rubber stamp

_____

Signature

Next Maintenance due 195,000 miles or

_____

Month/year

Required Vehicle Maintenance Service Work (including Emission System Maintenance)

Notes:
Overview of maintenance services and intervals for each model series can be found starting on page 50.
Maintenance services must be performed at number of miles or years (whichever comes first) as indicated, except where no time interval available or otherwise noted.

If your vehicle exceeds the mileage shown in the maintenance service overview, continue to maintain the vehicle by having performed the maintenance services at the time or mileage intervals (whichever comes first) as indicated starting on page 53.

Detailed descriptions for each maintenance service can be found starting on page 52.

For description of emission system maintenance jobs, see page 65.

The four digit-numbers listed next to the maintenance services are reference numbers of the detailed maintenance job descriptions listed in the Mercedes-Benz maintenance information used by Mercedes-Benz technicians.

Maintenance service overview G-Class (463)

Miles	1,000 - 3,000	13,000	26,000	39,000	52,000	65,000	78,000	91,000
Time (Years)	- - - -	1	2	3	4	5	6	7
First visit (▷ page 52)	●							
Tire rotation (▷ page 53)	If applicable to your vehicle's tire configuration (see page 6), tire rotations should be performed in accordance with the tire manufacturer's recommended intervals, or sooner at first signs of irregular (uneven) treadwear. Tire manufacturer's rotation recommendations will necessitate a tire rotation at least once in between maintenance services and at every maintenance service based on Mercedes-Benz maintenance intervals.							
A-Service (▷ page 54)		●		●		●		●
B-Service (▷ page 56)			●		●		●	
Additional Work: (▷ page 59)			● [1]	●	●	●	● [1]	●
Automatic transmission - oil and filter change				● [7]				
Replace engine air filter					●			
Replace fuel filter						●		
Oil change in front / rear axle, transfer case					● [2]			
Replace Spark Plugs Engine 113								● [3]
Replace Coolant				● [1]			● [1]	
Check bolts attaching steering			● [1]		● [1]		● [1]	
Check grease packing joint housing AWD fr. axle			● [1]		● [1]		● [1]	
Replace Brake fluid			● [1]		● [1]		● [1]	
Check suspension/body structure			● [1]		● [1]		● [1]	
Check body for paint damage			● [1]		● [1]		● [1]	
Service tilt/sliding roof						● [1]		

High-mileage checks (▷ page 63)

[1] not mileage-dependent; only time interval applies. [2] at 52,000 miles or 5 years [3] at 91,000 miles or 5 years [7] not time dependent; only mileage interval applies

Maintenance service overview G-Class (463)

Miles	104,000	117,000	130,000	143,000	156,000	169,000	182,000	195,000
Time (Years)	8	9	10	11	12	13	14	15
First visit								
Tire rotation	If applicable to your vehicle's tire configuration (see page 6), tire rotations should be performed in accordance with the tire manufacturer's recommended intervals, or sooner at first signs of irregular (uneven) treadwear. Tire manufacturer's rotation recommendations will necessitate a tire rotation at least once in between maintenance services and at every maintenance service based on Mercedes-Benz maintenance intervals.							
A-Service		●		●		●		●
B-Service	●		●		●		●	
Additional Work:	●	● [1]	●		●		●	●
Automatic transmission - oil and filter change								
Replace engine air filter	●				●			
Replace fuel filter			●					●
Oil change in front / rear axle, transfer case	● [4]				● [5]			
Replace Spark Plugs Engine 113							● [6]	
Replace Coolant		● [1]			● [1]			● [1]
Check bolts attaching steering	● [1]		● [1]		● [1]		● [1]	
Check grease packing joint housing AWD fr. axle	● [1]		● [1]		● [1]		● [1]	
Replace brake fluid	● [1]		● [1]		● [1]		● [1]	
Check suspension/body structure	● [1]		● [1]		● [1]		● [1]	
Check body for paint damage	● [1]		● [1]		● [1]		● [1]	
Service tilt/sliding roof			● [1]					● [1]
High-mileage checks				● [7]				

[1] not mileage dependent; only time interval applies. [4] at 104,000 miles or 10 years [5] at 156,000 miles or 15 years [6] at 182,000 miles or 10 years
[7] not time dependent; only mileage interval applies

First visit

First visit at 1,000 miles - 3,000 miles	00-5500
Diagnostic test	
Q + A on vehicle	

This first visit for a basic vehicle diagnostic test at your authorized Mercedes-Benz Light Truck Center is provided at no charge.

Tire rotation	
If applicable to your vehicle's tire configuration (▷ page 6), tire rotation should be performed in accordance with the tire manufacturer's recommended intervals, or sooner at first signs of irregular (uneven) tread wear. Tire manufacturer's rotation recommendations will necessitate a tire rotation at least once in between maintenance services and at every maintenance service based on Mercedes-Benz maintenance intervals. The first tire rotation (▷ page 17) occurring at an authorized Mercedes-Benz Light Truck Center at any time up to 6,500 miles (vehicle odometer) is provided at no charge.	----

A-Service

First A-Service at 13,000 miles or 1 year; then every 26,000 miles or 2 years	
Interior	
Function check	
Warning and indicator lamps, illumination and interior lighting	----
Windshield wiper, windshield washer system, headlamp cleaning system, where applicable: rear window wiper, rear window washer system	8252
Reset maintenance service counter in instrument cluster	----
Check battery condition using “Midtronics MCR 717” tester	0003
Wheels, brakes	
Check front brake pads for lining thickness (remove 1 front wheel)	4251
Check tires for damage, condition	----
Correct tire inflation pressure, incl. spare tire	----

Engine compartment	
Check catch, safety catch and hinges on engine hood for proper operation	8821
Engine oil and filter change	0101
Check the following fluid levels, correct if necessary If there is a loss of fluid, determine cause and perform repair with separate work order	
Engine cooling system, antifreeze and corrosion protection	2010
Windshield washer system	8210
Brake system	4210
Differential lock mechanism: Engage differential locks, move vehicle a short distance to engage locks, then unlock differential locks	2912

Underside of vehicle	
Lubricate propeller shaft universal joints and collapsible sections	4121

Vehicle front/rear	
Check wiper blade condition	8253

B-Service

First B-Service at 26,000 miles or 2 year; then every 26,000 miles or 2 years	
Interior	
Function check	
Warning and indicator lamps, illumination and interior lighting	----
Throttle cable: operate accelerator cable slowly by foot through full range of travel (Observe smoothness of operation. If roughness is detected, replace throttle cable)	
Windshield wiper, windshield washer system, headlamp cleaning system, where applicable: rear window wiper, rear window washer system	8252
Lubricate door locks, incl. rear door	7221
Check seat belts for damage and proper function	9150
Reset maintenance service counter in instrument cluster	----
Check battery condition using “Midtronics MCR 717” tester	0003
Check parking brake (function test only)	----
Vehicle front/rear	
Check and correct headlamp setting	8260
Check wiper blade condition	8253

Wheels, brakes	
Check condition/thickness of brake discs front/rear	4251
Check brake pads for lining thickness front/rear	4251
Check tires for damage and condition	4051
Measure tread depth, record in mm	4051
Correct tire inflation pressure, incl. spare tire	----
Remove and fit wheels	4250

Underside of vehicle	
Leakage - Major components Check for chafe marks, line routing, damaged components In the event of leakage, determine cause and perform repair via separate work order	0053
Check condition of front axle rubber bushings	3353
Check conditions of rear axle rubber bushings	3555
Check conditions of steering mechanical components and rubber boots	4653
Check the following fluid levels, correct if necessary If loss of fluid present, determine cause and rectify subject to separate repair order	
Transfer case	2810
Front axle	3310
Rear axle	3510
Lubricate propeller shaft universal joints and collapsible sections	4121

Engine compartment	
Leakage - Major components Check for chafe marks, line routing, damaged components In the event of leakage, determine cause and perform repair via separate work order	0053
Engine oil and filter change	0101
Replace dust filter	8381
Check condition of poly-V-belt	1351
Check catch, safety catch and hinges on engine hood for proper operation	----
Lubricate joints on throttle control, check operation and condition	3022

Check the following fluid levels, correct if necessary	
Engine cooling system, antifreeze and corrosion protection	2010
Brake system	4210
Power steering	4611
Windshield washer system, incl. rear window washer (where applicable)	8210
Differential lock mechanism: Engage differential locks, move vehicle short distance to engage locks, then unlock differential locks	2912

Additional Work to be Performed together with the Respective Service

Once at 39,000 miles	
Automatic transmission: oil and filter change	2702
At every 52,000 miles or 4 years	
Engine air filter: replace element	0980
At every 52,000 miles or 5 years	
Oil change in front axle	3301
Oil change in rear axle	3501
Oil change in transfer case	2801
At every 65,000 miles or 5 years	
Fuel filter: Replace	0780

Additional Work to be Performed together with the Respective Service

Spark plug intervals	
Replace spark plugs	1580

Spark plugs are subject to erosion and must be replaced according to schedule on page 62, or more frequently as may be required when subject to severe operating conditions.

Additional Work to be Performed together with the Respective Service

Every 2 years	
Replace brake fluid	4280
Check chassis and supporting body parts for damage and corrosion	----
Inspect body for paint damage	9850
Bolts attaching steering (check/tighten)	4671
Joint housing of AWD front axle - inspect grease packing and correct	3321

Every 3 years	
Replace coolant (water/anticorrosion/antifreeze mixture)	2080

Every 5 years	
Tilt/sliding roof: clean sliding rails and sliders	7731

Spark Plug Replacement Intervals

Replace Spark Plugs	Engine *
	113
At every 91,000 miles or 5 years	•

* Refer to the Operator's Manual for the engine designation of your model. The engine and model listing can be found in chapter "Technical Data" under "Engine".

At 143,000 miles	
Check if all fluid levels and changes are updated	
Transmission	----
Rear axle	----
Front axle	----
Transfer case	----
Check if air, fuel, ventilation filters are updated	
Engine air filter	----
Fuel filter	----
Dust filter	----

Recommended additional maintenance checks for high-mileage vehicles

Check integrity of engine, mechanical components	
Perform compression test (hot and cold)	----
Perform leak down test (hot and cold)	----
Check spark plugs	----
Exhaust system hangers and leaks	----

Check for damaged/worn drivetrain parts	
Front wheel bearing play	----
Rear wheel bearing play	----
Axle joint play	----
Tie rod and drag link joints	----

Check for updates performed	
Recalls and Service Campaigns	----

The composition of exhaust emissions is influenced not only by the special emission control equipment, but also by various engine components and their adjustments.

Therefore, emission system maintenance must include these engine components. Some maintenance jobs are actually only tests. They are important however, because they allow early detection of discrepancies which can later lead to increased exhaust emissions. It is generally less expensive to have such items adjusted immediately rather than allowing them to contribute to costly repairs. The maintenance intervals have been determined so that the vehicle, under normal conditions, should operate properly between services.

0101 Engine oil and filter change
Change the engine oil and oil filter every 13,000 miles. If oil consumption should increase, determine the cause and take necessary corrective steps. Reset the Maintenance System counter.

0980 Replace air filter element
Under normal dust conditions, replace air filter element approximately every 52,000 miles or 4 years. Clean air filter cover and housing prior to removal of air filter element.

0780 Replace fuel filter
Replace the fuel filter approximately every 65,000 miles or 5 years.

1351 Check engine poly-V-belt condition
The poly-V-belt is subject to wear and aging. It must be checked for cracks and wear at every B-Service. Replace poly-V-belt if necessary.

1580 Replace spark plugs
Spark plugs are subject to electrode erosion and must be replaced according to schedule on page 62, or more frequently as may be required when subject to severe operating conditions.

Notes

Printed in U.S.A.
All rights reserved. Reproduction or translation in whole or in part is not permitted without authorization from the publisher.

Editorial status: 04/01/2004

Models:
463 (except AMG models)

Distributor in the United States:
Mercedes-Benz USA, LLC
One Mercedes Drive, P.O. Box 350
Montvale, NJ 07645-0350

Order No. T-6515-8152-13 (04/2006)
Part No. 463 584 73 95
© 2006 Mercedes-Benz USA, LLC
A DaimlerChrysler Company
www.MBUSA.com
Printed in U.S.A.